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(74) Agent: RAYCHEVA-HADJIGENCHEVA, Krasimira,  
Kirlilova; V. Hugo Street 3, 1124 Sofia (BG).

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(71) Applicants and

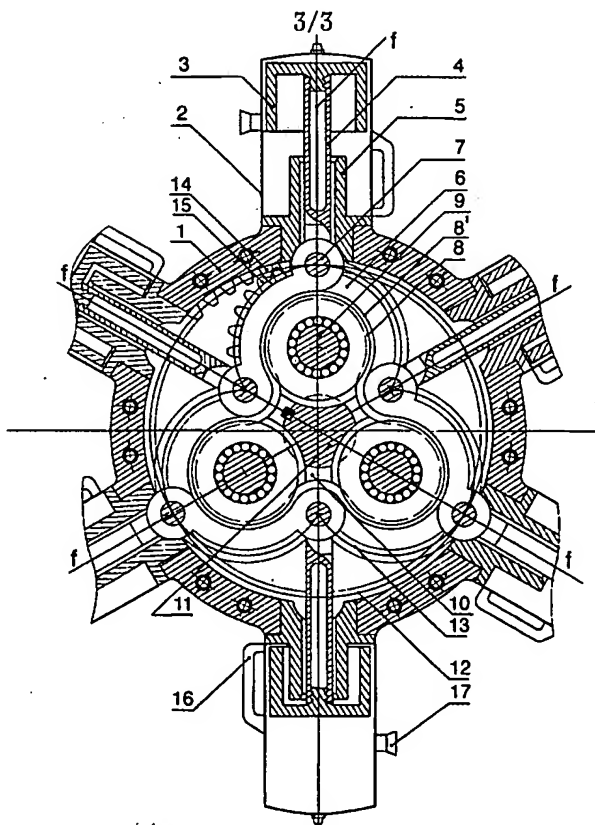
(72) Inventors: ENCHEV, Encho Mihaylov [BG/BG]; kv.  
Trite chuchura bl. 57, v.h.O, et.2, ap.4, 6000 Stara Zagora  
(BG). ENCHEVA, Michaela Encheva [BG/BG]; 48,  
Milin Kamuk Street, 5th Floor, apt. 14, Lozenets, 1164  
Sofia (BG).

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(54) Title: INTERNAL COMBUSTION ENGINE WITHOUT CONNECTING ROD AND A METHOD OF ITS CONSTRUCTION



(57) Abstract: The invention relates to the structure of internal combustion engine without a connecting rod and a method of its construction. The proposed method of construction describes the consecutive steps in creating the engine and allows the creation of internal combustion engine without a connecting rod with six and more even number of arc-like units (6) whereat the heating of the opposite arc-like units (6) in the center  $O_1$  of the engine is removed. The complex mounting and dismounting of the engine shaft is eliminated too, because according to the invention the engine shaft is not articulated of several details, but it is whole, uncut. Besides, the possibility is obtained for a change of the revolutions of the engine shaft (11) without reductor in one and the same stroke frequency of the pistons (3) movement by changing only the number of working cylinders of the engine.

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